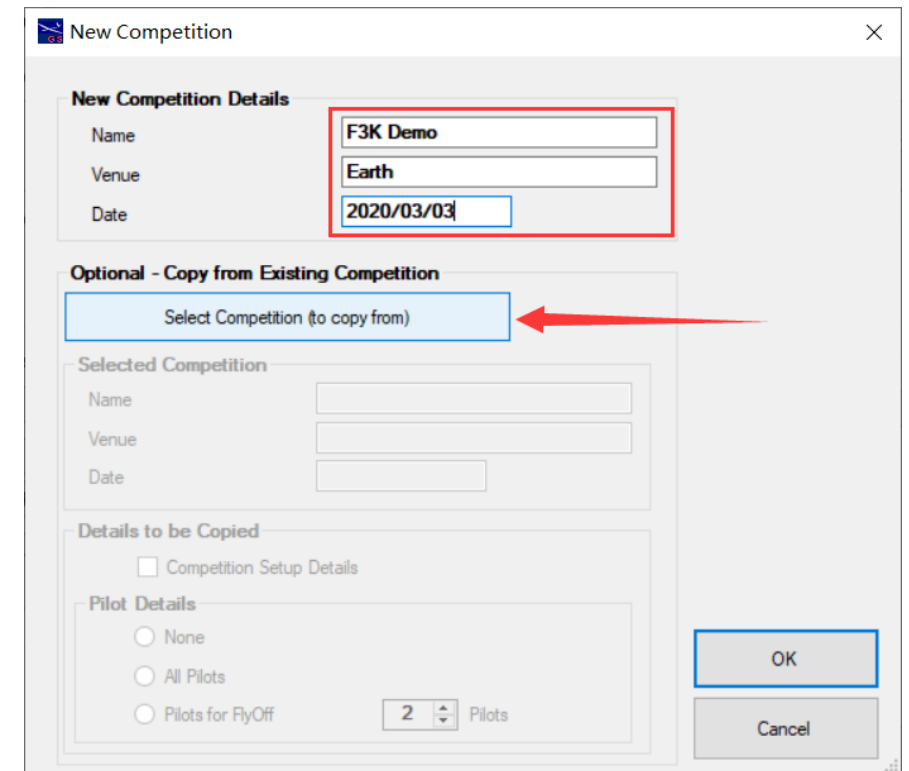
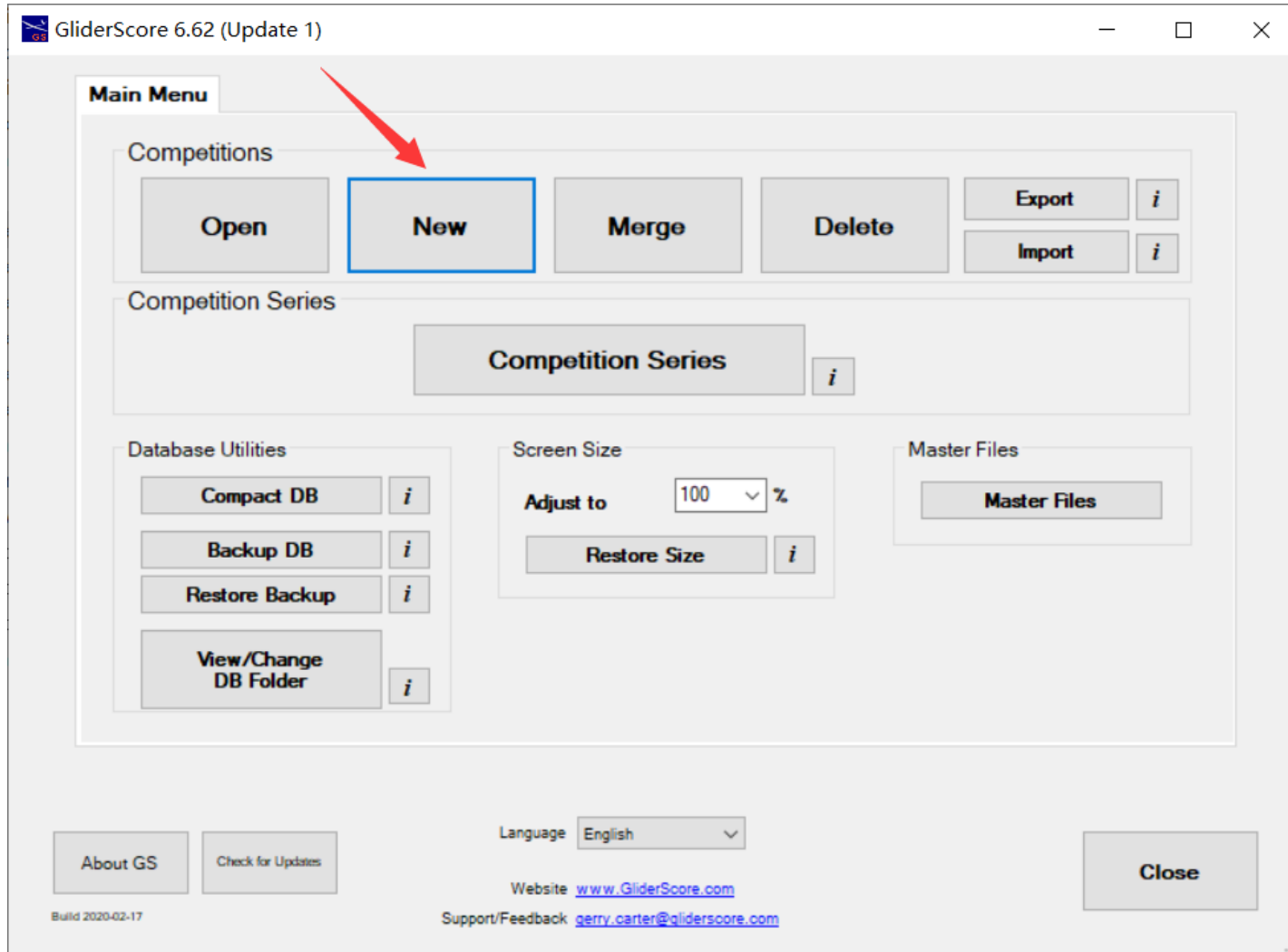


# How to Create a F3K Contest with GliderScore

Robust

# Create a new contest



# Begins with a sample

GliderScore - Copy Competition

Name	Venue	Date
F3K China	Yangcheng Lake	2020/10/1
ALES Sample Comp	Venue	2012/12/31
F3B Sample Comp	Venue	2012/12/31
New Comp	Venue	2012/3/31
F5J Sample Comp	Venue	2011/3/31
Electric Sample Comp	Sample	2010/6/30
<b>F3F Sample Comp</b>	<b>Sample</b>	<b>2010/6/30</b>
F3K Sample Comp	Sample	2010/6/30
F5B Sample Comp	Sample	2010/6/30
Jerilderie 2010	Jerilderie	2010/6/12
F3B International	Milang	2010/3/5
F3J International Flyoff	Milang	2009/3/8
F3J International	Milang	2009/3/6

Select

Close

New Competition

**New Competition Details**

Name: F3K Demo

Venue: Earth

Date: 2020/03/03

**Optional - Copy from Existing Competition**

Select Competition (to copy from)

**Selected Competition**

Name: F3F Sample Comp

Venue: Sample

Date: 2010/6/30

**Details to be Copied**

Competition Setup Details

**Pilot Details**

None

All Pilots

Pilots for FlyOff

2 Pilots

OK

Cancel

Competition Setup

COMPETITION: F3K Demo Venue: Earth Date: 2020/3/3

Competition Class: Select F3K DL Glider - various tasks

PILOT Options and Entry

Use Teams?  Use Pilot Start Numbers?  Use Classes?  Use Roles?  Use Models?

Nbr for Team Score? 3

Pilot Entry Pilot Import

10 Pilots 0 Teams 0 Retired

DRAW Options

Team Protection?  20kHz Spacing?  Assign Helpers?  Lanes: None Nbr: 1

SCORING Options

Group Score: Points Total Score: Rounded to 1 Decs

Drop worst Task scores 1 at Rnd 12 2 at Rnd 99

SCORING Rules

F3K

Timing decimals: 1 decimal places

Edit F3K tasks before printing Score Cards

Edit F3K Tasks

DRAW

Draw Mode: ManOnMan

Groups/Round: 1

Pilots/Group (Min/Max): 10 10 Draw

Allow Back-to-Back flights: Yes Check

Rounds Drawn / Draw Locked: 0 No

Score Entry  
eScoring  
Reports  
Audio & Timer  
Score Check  
Email Reports  
Lock Competition  
Close

Competition Setup

COMPETITION: F3K Demo Venue: Earth Date: 2020/3/3

Competition Class: Select

PILOT Options and Entry

DRAW Options

SCORING Options

SCORING Rules

Timing decimals

DRAW

Draw Mode: ManOnMan

Groups/Round: 1

Pilots/Group (Min/Max): 10 10 Draw

Allow Back-to-Back flights: Yes Check

Rounds Drawn / Draw Locked: 0 No

Score Check  
Email Reports  
Lock Competition  
Close

Class	Description
FAI F3B	Duration + landing + distance + speed
FAI F3F	Fastest speed
FAI F3J	Duration (target=working time) + landing - late landing penalty
<b>FAI F3K</b>	<b>DL Glider - various tasks</b>
FAI F3Q	Duration + landing + speed - F3Q penalty
FAI F5B	Distance laps + duration + landing - watt-min penalty
FAI F5J	Duration (target=working time) + landing - height penalty
Other - ALES	ALES Thermal - Duration + landing
Other - Distance	Greatest distance
Other - Distance + Speed	Greatest distance + fastest speed
Other - Duration	Duration + landing
Other - Duration + Distance	Duration + landing + greatest distance
Other - Duration + Speed	Duration + landing + fastest speed
Other - Electric	Duration + landing - motor run penalty
Other - F3RES	F3RES Thermal - Duration + landing

# Back to the Competition Setup

Competition Setup

<b>COMPETITION</b>	F3K Demo	Venue	Earth	Date	2020/3/3		
<b>Competition Class</b>	Select	F3K DL Glider - various tasks					
<b>PILOT Options and Entry</b>	<input type="checkbox"/> Use Teams?	Nbr for Team Score?	3	<input type="button" value="Pilot Entry"/>	Choose pilots for		
	<input type="checkbox"/> Use Pilot Start Numbers?	<input type="checkbox"/> Use Classes?	<input type="checkbox"/> Use Roles?	<input type="button" value="Pilot Import"/>			
<input type="checkbox"/> Use Models?				10 Pilots	0 Teams	0 Retired	
<b>DRAW Options</b>	<input type="checkbox"/> Team Protection?	<input checked="" type="checkbox"/> 20kHz Spacing?	<input type="checkbox"/> Assign Helpers?	Lanes	None	Nbr	1
<b>SCORING Options</b>	Group Score	Points	Total Score	Rounded	to	1	Decs
	Drop worst Task scores	1 at Rnd	12	2 at Rnd	99		
<b>SCORING Rules</b>	<b>F3K</b>						
	Timing decimals	1	decimal places	<a href="#">Edit F3K tasks before printing Score Cards</a>			
		<input type="button" value="Edit F3K Tasks"/>					
<b>DRAW</b>	Draw Mode	ManOnMan					
	Groups/Round	1					
	Pilots/Group (Min/Max)	10	10	<input type="button" value="Draw"/>			
	Allow Back-to-Back flights	Yes	<input type="button" value="Check"/>				
	Rounds Drawn / Draw Locked	0	No				
<input type="button" value="Score Entry"/>							
<input type="button" value="eScoring"/>							
<input type="button" value="Reports"/>							
<input type="button" value="Audio &amp; Timer"/>							
<input type="button" value="Score Check"/>							
<input type="button" value="Email Reports"/>							
<input type="button" value="Lock Competition"/>							
<input type="button" value="Close"/>							

# Add the pilots and save

Pilot Entry for Competition: F3K DEMO

Filter  X Pilots Available 64

10 Pilots  
0 Retired

▶	LastName ▲	FirstName	Ctry	Club	FAINumber
▶	ZZAbraham	Michael	AUS		0
	ZZAdams	Chris	AUS		0
	ZZAnthony	Brett	AUS		0
	ZZArvanitakis	Theo	AUS		0
	ZZBarrenger	Chris	AUS		0
	ZZBengston	Evan			0
	ZZBery	Don	AUS		0
	ZZBlanchard	John	AUS		0
	ZZBlow	Darel	AUS		0
	ZZBoag	Stephen	AUS		0
	ZZBowden	Gavin	AUS		0
	ZZBrand	Guy	AUS		0
	ZZCalnan	Roy	AUS		0
	ZZCarter	Gery	AUS		0
	ZZChabrel	Nick	AUS		0
	ZZClaase	Ben	AUS		0
	ZZFarrar	Don	AUS		0
	ZZFord	Brian	AUS		0
	ZZFox	Ken	AUS		0

▶	LastName ▲	FirstName	Ctry	DrawFreq
▶	ZZArvanitakis	Theo	AUS	2.400
	ZZBarrenger	Chris	AUS	36.430
	ZZFox	Ken	AUS	36.170
	ZZHoudalakis	Jim	AUS	2.400
	ZZIrvin	Jeff		36.530
	ZZNancarrow	Jamie	AUS	2.400
	ZZO'Reilly	Mike	AUS	2.400
	ZZPotter	Greg	AUS	36.510
	ZZPratley	David	AUS	36.490
	ZZStrautins	Carl	AUS	2.400

→  
←  
↕

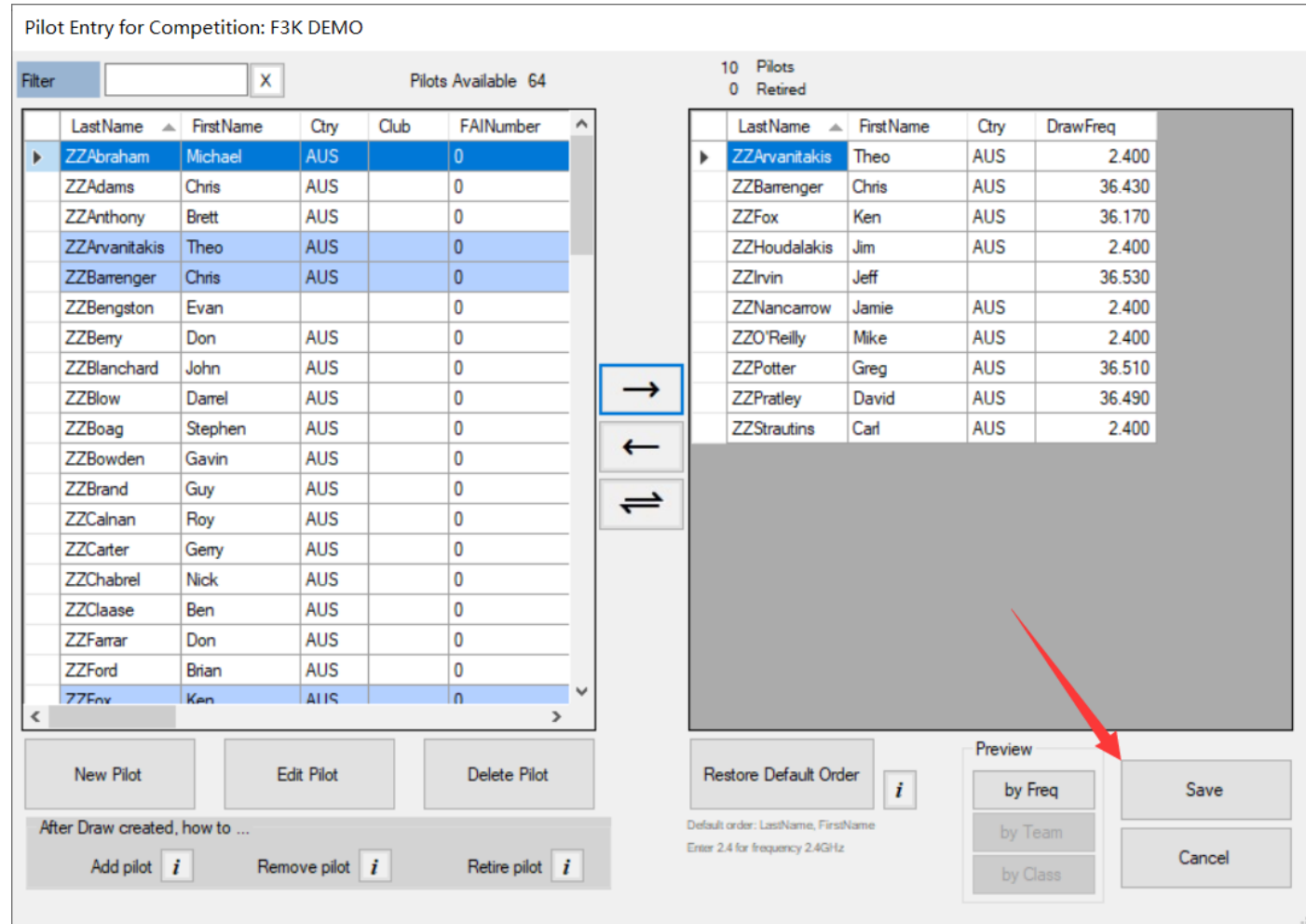
New Pilot Edit Pilot Delete Pilot

After Draw created, how to ...  
Add pilot *i* Remove pilot *i* Retire pilot *i*

Restore Default Order *i*  
Default order: LastName, FirstName  
Enter 2.4 for frequency 2.4GHz

Preview  
by Freq  
by Team  
by Class

Save  
Cancel



# Example: 10 pilots in 2 groups, 8 rounds

Competition Setup

COMPETITION: F3K Demo    Venue: Earth    Date: 2020/3/3

Competition Class: Select F3K DL Glider - various tasks

PILOT Options and Entry

- Use Teams?    Nbr for Team Score? 3
- Use Pilot Start Numbers?
- Use Classes?
- Use Roles?
- Use Models?

10 Pilots    0 Teams    0 Retired

DRAW Options

- Team Protection?
- 20kHz Spacing?
- Assign Helpers?
- Lanes: None
- Nbr: 1

SCORING Options

Group Score: Points    Total Score: Rounded    to: 1 Decs

Drop worst Task scores: 1 at Rnd 12    2 at Rnd 99

SCORING Rules: F3K

Timing decimals: 1 decimal places

Draw Mode: ManOnMan

Groups/Round: 2

Pilots/Group (Min/Max): 5 5

Allow Back-to-Back flights: Yes

Rounds Drawn / Draw Locked: 0 No

Score Entry

eScoring

Reports

Audio & Timer

Score Check

Email Reports

Lock Competition

Close

CREATE DRAW - F3K

CREATE DRAW

Create Draw Information

About Creating a Draw or a Re-Draw

Draw Options

- Team Protection: n/a
- 20kHz Spacing: Yes
- Assign Helpers: n/a
- Lane Option: n/a
- Allow Back-to-Back Flights: Yes
- Groups per Round: 2
- Draw Mode: ManOnMan

Draw Selections for F3K

From Round: 1 to 8

Save best of (max 50) Draws/Round: 10

Force Replacement of Current Draw:

Start Draw    Close

set rounds

# Draw finished

CREATE DRAW - F3K

CREATE DRAW

Create Draw Information

About Creating a Draw or a Re-Draw *i*

Draw Options

Team Protection	n/a
20kHz Spacing	Yes
Assign Helpers	n/a
Lane Option	n/a
Allow Back-to-Back Flights	Yes
Groups per Round	2
Draw Mode	ManOnMan

Draw Selections for F3K

From Round  to

Save best of (max 50) Draws/Round *i*

Force Replacement of Current Draw *i*

Start Draw Close

finished pilots  
draw

DRAW PROGRESS

Drawing Rounds 1 to 8 with 10 iterations - Completed

Draw was updated

MADev for 8 Rounds: Original=None This Draw=0.77037 *i*

Close



# Edit the tasks

Competition Setup

<b>COMPETITION</b>	F3K Demo	Venue	Earth	Date	2020/3/3	
<b>Competition Class</b>	Select	F3K DL Glider - various tasks				
<b>PILOT Options and Entry</b>	<input type="checkbox"/> Use Teams? <input type="checkbox"/> Use Pilot Start Numbers? <input type="checkbox"/> Use Classes? <input type="checkbox"/> Use Roles? <input type="checkbox"/> Use Models?	Nbr for Team Score?	3	<b>Pilot Entry</b> <b>Pilot Import</b>	10 Pilots   0 Teams   0 Retired	
<b>DRAW Options</b>	<input type="checkbox"/> Team Protection? <input checked="" type="checkbox"/> 20kHz Spacing? <input type="checkbox"/> Assign Helpers?	Lanes	None	Nbr	1	
<b>SCORING Options</b>	Drop worst Task scores	Group Score	Points	Total Score	Rounded to 1 Decs	
<b>SCORING Rules</b>	Timing decimals	1	decimal places	<b>F3K</b> edit the 8 tasks	<b>Score Entry</b> <b>eScoring</b> <b>Reports</b> <b>Audio &amp; Timer</b> Score Check Email Reports Lock Competition <b>Close</b>	
<b>DRAW</b>	Draw Mode	ManOnMan	Groups/Round	2	Pilots/Group (Min/Max)	5 5 <b>Re-Draw</b>
	Allow Back-to-Back flights	Yes	Rounds Drawn / Draw Locked	8	No	<b>Check</b>

*Edit F3K tasks before printing Score Cards*

*Edit the F3K tasks chosen for each round*

# Select the task for each round

F3K EditTasks

Round	Description	Select
1	Task A - Last flight counts; 5 min max; Unlimited flights in 10 mins	Select
2	Task B - Last 2 flights count; 4 min max; Unlimited flights in 10 mins	Select
3	Task C - All up; 3 min max; 3 flights per round	Select
4	Task D - Ladder; First target 30 seconds; 15 seconds added when target reached; Unlimited flights in 10 mins	Select
5	Task E - Poker; 5 flights to time count; Pilot chooses target times; Unlimited flights in 10 mins	Select
6	Task F - 3 longest count; 3 min max; Max 6 flights in 10 mins	Select
7	Task G - 5 longest count; 2 min max; Unlimited flights in 10 min	Select
8	Select a task for this round	Select

click to select each round's task

Rounds shown in this colour have been scored.

Close

F3K EditTasks

Round	Description	Select
1	Task A - Last flight counts; 5 min max; Unlimited flights in 10 mins	A(1) L1 5max in 10m
2	Task B - Last 2 flights count; 4 min max; Unlimited flights in 10 mins	A(2) L1 5max in 7m
3	Task C - All up; 3 min max; 3 flights per round	B(1) L2 4max in 10m
4	Task D - Ladder; First target 30 seconds; 15 seconds added when target reached; Unlimited flights in 10 mins	B(2) L2 3max in 7m
5	Task E - Poker; 5 flights to time count; Pilot chooses target times; Unlimited flights in 10 mins	C(1) AllUp 3:00*3
6	Task F - 3 longest count; 3 min max; Max 6 flights in 10 mins	C(2) AllUp 3:00*4
7	Task G - 5 longest count; 2 min max; Unlimited flights in 10 min	C(3) AllUp 3:00*5
8	Select a task for this round	D Ladder

Rounds shown in this colour have been scored.

Close

# Select the timer

Competition Setup

**COMPETITION** F3K Demo Venue Earth Date 2020/3/3

**Competition Class** Select F3K DL Glider - various tasks

**PILOT Options and Entry**

Use Teams? Nbr for Team Score? 3 *i*

Use Pilot Start Numbers?

Use Classes?

Use Roles?

Use Models? *i*

Pilot Entry *i*

Pilot Import *i*

10 Pilots 0 Teams 0 Retired

**DRAW Options** *i*

Team Protection?  20kHz Spacing?  Assign Helpers?

Lanes None Nbr 1

**SCORING Options** *i*

Group Score Points Total Score Rounded to 1 Decs

Drop worst Task scores *i*

1 at Rnd 12 2 at Rnd 99

**SCORING Rules** *i*

F3K

Timing decimals 1 decimal places

Edit F3K tasks before printing Score Cards

Edit F3K Tasks *i*

**DRAW**

Draw Mode *i* ManOnMan *i*

Groups/Round *i* 2

Pilots/Group (Min/Max) *i* 5 5 Re-Draw

Allow Back-to-Back flights *i* Yes Check

Rounds Drawn / Draw Locked *i* 8 No

Score Entry

eScoring

Reports

Audio & Timer

Score Check

Email Reports

Lock Competition

Close

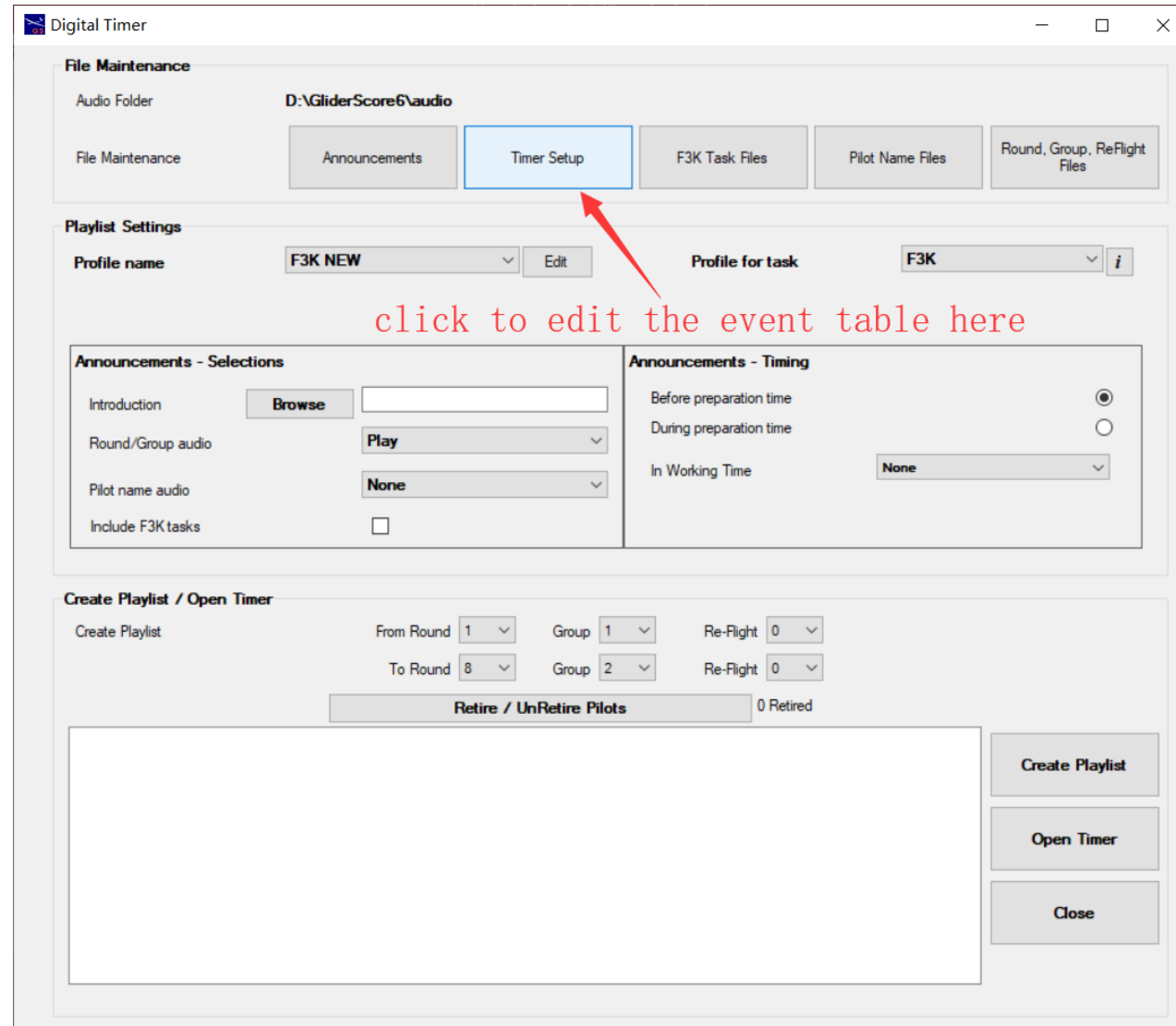
Audio & Timer

Digital Timer

Audio Player

Big Timer

# Edit the event table








# Edit your own event table or import from files

The screenshot shows the TimerSetup application window. On the left, a list of timer names is displayed, with 'F3K-1m3m30s' selected and highlighted in blue. A red box surrounds this list, and a red arrow points from the 'Import' button to it. Below the list are buttons for 'Add Timer', 'Export', 'Copy Timer', 'Import', and 'Delete Timer'. The 'Import' button is highlighted with a red box. A red arrow points from the text 'import the files from Robust' to this button. The main area displays a table of timer events for 'F3K-1m3m30s'. The table has columns for Timer Time, Display Time, Timer State, On New Round, Announcement, Announcement File Name, Beep Frequency (Hz), Beep Duration (mSecs), Play, Stop, and Browse for file. The 'Browse for file' column contains 'Browse' buttons for each row. A red arrow points from the 'Import' button to the 'Browse' button in the first row of the table. The 'Close' button is located at the bottom right.

Timer Time	Display Time	Timer State	On New Round	Announcement	Announcement File Name	Beep Frequency (Hz)	Beep Duration (mSecs)	Play	Stop	Browse for file
-60	1:00	PT	<input type="checkbox"/>		Remaining-1Min.wav	0	0	▶	<input type="checkbox"/>	Browse
-30	0:30	PT	<input type="checkbox"/>		30Secs.wav	0	0	▶	<input type="checkbox"/>	Browse
-20	0:20	PT	<input type="checkbox"/>		20Secs.wav	0	0	▶	<input type="checkbox"/>	Browse
-10	0:10	PT	<input type="checkbox"/>		10Secs.wav	0	0	▶	<input type="checkbox"/>	Browse
-9	0:09	PT	<input type="checkbox"/>		9.wav	0	0	▶	<input type="checkbox"/>	Browse
-8	0:08	PT	<input type="checkbox"/>		8.wav	0	0	▶	<input type="checkbox"/>	Browse
-7	0:07	PT	<input type="checkbox"/>		7.wav	0	0	▶	<input type="checkbox"/>	Browse
-6	0:06	PT	<input type="checkbox"/>		6.wav	0	0	▶	<input type="checkbox"/>	Browse
-5	0:05	PT	<input type="checkbox"/>		5.wav	0	0	▶	<input type="checkbox"/>	Browse
-4	0:04	PT	<input type="checkbox"/>		4.wav	0	0	▶	<input type="checkbox"/>	Browse
-3	0:03	PT	<input type="checkbox"/>		3.wav	0	0	▶	<input type="checkbox"/>	Browse
-2	0:02	PT	<input type="checkbox"/>		2.wav	0	0	▶	<input type="checkbox"/>	Browse

import the files from Robust

# The event tables and task concept

 F3K-1m3m30s.timer  
 F3K-3m3m30s.timer  
 F3K-3m7m30s.timer  
 F3K-3m10m30s.timer  
 F3K-3m15m30s.timer

- There are total 5 tables
  - 3m10m30s means: 3minutes preparation time / 10 minutes working time / 30 seconds landing time
- Every task built by the 5 tables
  - Such as AULD 3 by 3 minutes:
    - 3m3m30s + 1m3m30s + 1m3m30s (1<sup>st</sup> flight / 2<sup>nd</sup> flight / 3<sup>rd</sup> flight)
  - Such as huge ladder:
    - 3m15m30s
  - Such as L1x5:
    - 3m7m30s
  - Such as L2x4:
    - 3m10m30s

# Create the playlist and open the timer

The screenshot shows the 'Digital Timer' application window. It is divided into several sections:

- File Maintenance:** Shows the 'Audio Folder' as 'D:\GliderScore6\audio'. Below are buttons for 'Announcements', 'Timer Setup', 'F3K Task Files', 'Pilot Name Files', and 'Round, Group, ReFlight Files'.
- Playlist Settings:** Includes a 'Profile name' dropdown set to 'F3K NEW' with an 'Edit' button, and a 'Profile for task' dropdown set to 'F3K' with an information icon.
- Announcements - Selections:** Contains fields for 'Introduction' (with a 'Browse' button), 'Round/Group audio' (with a 'Play' dropdown), 'Pilot name audio' (with a 'None' dropdown), and an 'Include F3K tasks' checkbox.
- Announcements - Timing:** Features radio buttons for 'Before preparation time' (selected) and 'During preparation time', and a dropdown for 'In Working Time' set to 'None'.
- Create Playlist / Open Timer:** This section has dropdowns for 'From Round' (1), 'To Round' (8), 'Group' (1 and 2), and 'Re-Flight' (0). It also includes a 'Retire / UnRetire Pilots' field showing '0 Retired'.
- Playlist List:** A scrollable list of audio files with columns for Round, Group, and ReFlight. The first line is highlighted in blue: '### Round 1 Group 1 ReFlight 0'. Subsequent lines list audio files like 'D:\GliderScore6\Audio\Round1.wav' and 'D:\GliderScore6\Audio\Group1.wav'.

Red annotations are present:

- A red arrow points from the text 'click to create playlist' to the 'Create Playlist' button.
- Red arrows point from the text 'and then open timer' to the 'Open Timer' button.

```
### Round 1 Group 1 ReFlight 0
D:\GliderScore6\Audio\Round1.wav
D:\GliderScore6\Audio\Group1.wav
#Timer F3K-3m10m30s
013:00|P TID:\GliderScore6\Audio\TimeToStart-03.00.wav|0|0
60|2:00|P TID:\GliderScore6\Audio\TimeToStart-02.00.wav|0|0
120|1:00|P TID:\GliderScore6\Audio\TimeToStart-01.00.wav|0|0
150|0:30|P TID:\GliderScore6\Audio\30Secs.wav|0|0
160|0:20|P TID:\GliderScore6\Audio\20Secs.wav|0|0
170|0:10|P TID:\GliderScore6\Audio\10Secs.wav|0|0
171|0:09|P TID:\GliderScore6\Audio\9.wav|0|0
172|0:08|P TID:\GliderScore6\Audio\8.wav|0|0
173|0:07|P TID:\GliderScore6\Audio\7.wav|0|0
174|0:06|P TID:\GliderScore6\Audio\6.wav|0|0
175|0:05|P TID:\GliderScore6\Audio\5.wav|0|0
```

# Set the timer and play

GliderScore DigitalTimer 1.09

Serial Port Settings

Port Name: COM3

Baud Rate: 19200

Data Bits: 8

Stop Bits: 1

Parity: None

Output Format: Extended Protocol

Output String:

Round 1 Group 1 ReFlight 0

00:00

## Round 1 Group 1 ReFlight 0

D:\GliderScore6\Audio\Round1.wav

D:\GliderScore6\Audio\Group1.wav

#Timer F3K-3m10m30s

0|3:00|PTID:\GliderScore6\Audio\TimeToStart-03.00.wav|0|0

60|2:00|PTID:\GliderScore6\Audio\TimeToStart-02.00.wav|0|0

120|1:00|PTID:\GliderScore6\Audio\TimeToStart-01.00.wav|0|0

150|0:30|PTID:\GliderScore6\Audio\30Secs.wav|0|0

160|0:20|PTID:\GliderScore6\Audio\20Secs.wav|0|0

170|0:10|PTID:\GliderScore6\Audio\10Secs.wav|0|0

171|0:09|PTID:\GliderScore6\Audio\9.wav|0|0

172|0:08|PTID:\GliderScore6\Audio\8.wav|0|0

173|0:07|PTID:\GliderScore6\Audio\7.wav|0|0

Right-click in playlist for Go-To screen

About Check for Updates Reset size Time of Day

Build 2020-02-17 Checklist ReLoad Playlist Start Close

select the right COM#

use the Extended Protocol

Start to play and enjoy!